

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L17	911	(715/500).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/11 15:31
L18	1898	(715/513).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/11 15:32
L19	49	click\$4 with select\$4 with (web\$page)	US-PGPUB; USPAT	OR	ON	2005/02/11 15:32
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L24	44	sav\$4 with (web\$page)	US-PGPUB; USPAT	OR	ON	2005/02/11 15:33
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L26	12	link\$4 with date with web\$page	US-PGPUB; USPAT	OR	ON	2005/02/11 15:33
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S1	29	install\$4 with icon with browser	US-PGPUB; USPAT	OR	ON	2004/10/15 09:53
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S7	13	((stor\$4 or sav\$4) with select\$4 with web\$page) and (date with information)	US-PGPUB; USPAT	OR	ON	2004/10/14 10:39
S9	14	(stor\$4 or sav\$4) with web\$page with local\$4	US-PGPUB; USPAT	OR	ON	2004/10/14 10:40
S10	11	((stor\$4 or sav\$4) with web\$page with local\$4) and separate	US-PGPUB; USPAT	OR	ON	2004/10/14 10:44
S11	82	notepad with web	US-PGPUB; USPAT	OR	ON	2004/10/14 10:45
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S13	16	(stor\$4 or sav\$4) with (selection or portion) with web\$page	US-PGPUB; USPAT	OR	ON	2004/10/14 10:48
S14	16	((stor\$4 or sav\$4) with (selection or portion) with web\$page) not (notepad with web with browser)	US-PGPUB; USPAT	OR	ON	2004/10/14 14:49
S15	1	client\$side with brows\$4 with web\$page	US-PGPUB; USPAT	OR	ON	2004/10/14 14:50
S16	63	client with brows\$4 with web\$page	US-PGPUB; USPAT	OR	ON	2004/10/14 14:52

S17	28	(client with brows\$4 with web\$page) and ((sav\$4 or stor\$4) with web\$page)	US-PGPUB; USPAT	OR	ON	2004/10/14 14:50
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S26	28	(determin\$4 with date with browser) and link	US-PGPUB; USPAT	OR	ON	2004/10/14 15:08
S28	1	((determin\$4 with date with browser) and link) and (("20010010059").PN.)	US-PGPUB; USPAT	OR	ON	2004/10/14 15:08
S30	12	link with date with web\$page	US-PGPUB; USPAT	OR	ON	2004/10/15 09:14
S37	39617	(stor\$4 or sav\$4) with second with (portion or selection)	US-PGPUB; USPAT	OR	ON	2004/10/14 15:43
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1 [Information archiving with bookmarks: personal Web space construction and organization](#)

David Abrams, Ron Baecker, Mark Chignell

January 1998 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available: pdf(1.15 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)
Keywords: WWW, bookmark, design, empirical study, information space, survey

2 [A framework for sharing personal annotations on web resources using XML](#)

Takeshi Sannomiya, Toshiyuki Amagasa, Masatoshi Yoshikawa, Shunsuke Uemura

January 2001 **Australian Computer Science Communications**, Volume 23 Issue 6

Full text available: pdf(835.34 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)
[Publisher Site](#)

In this paper, we propose WISPA (Web Indicator by Sharing Personal Annotations) Framework, which aims at mining useful information from communities on the World Wide Web with sharing personal annotations. In WISPA, annotations assigned to web pages on WWW are highly respected, because personal annotations contain each users' opinions or impressions to web pages, and those annotations can be used as essential materials for judging whether an information is important or not. Concretely, the proces ...

Keywords: WWW, XLink, XML, XML schema, merged annotation, personal annotation

3 [Technical Session: Using webpages to make your life easier](#)

James Dale Osborn

October 2001 **Proceedings of the 29th annual ACM SIGUCCS conference on User services**

Full text available: pdf(224.80 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

In this paper, we discuss the many ways webpages can be used to increase communication, enhance support, and automate common features.

Keywords: ASP, automation, consistency, efficiency, web

4 Software and document engineering: Supporting document and data views of source code

Michael L. Collard, Jonathan I. Maletic, Andrian Marcus

November 2002 **Proceedings of the 2002 ACM symposium on Document engineering**

Full text available:  pdf(162.30 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


The paper describes the use of an XML format to store and represent program source code. A new XML application, srcML (SouRCe Markup Language), is presented. srcML presumes a document view of source code where information about the syntactic structure is layered over the original source code document. The resultant multi-layered document has a base layer of all the original text (and formatting). The second layer is the syntactic information, derived from the grammar of the programming language, ...

Keywords: XML, abstract syntax tree, markup language, program analysis, source code

5 Concept mapping vs. web page hyperlinks as an information retrieval interface: preferences of postgraduate culturally diverse learners

Melius Weideman, Wouter Kritzinger

September 2003 **Proceedings of the 2003 annual research conference of the South African institute of computer scientists and information technologists on Enablement through technology**

Full text available:  pdf(328.41 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


The principal objective of this research project was to determine if and to what extent cultural factors prescribe interface choices by learners. Concept mapping and standard hyperlinks were offered as choices for information retrieval interfaces. The methods employed were to identify a set of culturally divisive factors, and then to test two different interfaces with a group of culturally diverse, advanced learners. Some of the results had to be ignored due to small sample sizes. The remaining ...

Keywords: concept mapping, cultural diversity, experimentation, higher education, human factors, hyperlinks, information retrieval, measurement

6 Web-based tools, systems and environments: A logic-based approach for automatic synthesis and maintenance of web sites

João Cavalcanti, Wamberto Vasconcelos

July 2002 **Proceedings of the 14th international conference on Software engineering and knowledge engineering**

Full text available:  pdf(194.23 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

In this paper we introduce and justify the use of high-level specifications for synthesising and managing Web sites. Ours is a declarative approach employing computational logic for representing information and knowledge and also for generating the actual site in a format suitable for browsing. Additionally, our specifications contain definitions of logic-based agents that are constructed as part of the synthesis of the Web site specification and can be employed to automate the maintenance of pa ...

7 Link aggregation: Untangling compound documents on the web

Nadav Eiron, Kevin S. McCurley

August 2003 **Proceedings of the fourteenth ACM conference on Hypertext and hypermedia**

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#)

Full text available:  [pdf\(192.59 KB\)](#)[terms](#)

Most text analysis is designed to deal with the concept of a "document", namely a cohesive presentation of thought on a unifying subject. By contrast, individual nodes on the World Wide Web tend to have a much smaller granularity than text documents. We claim that the notions of "document" and "web node" are not synonymous, and that authors often tend to deploy documents as collections of URLs, which we call "compound documents". In this paper we present new techniques for identifying and workin ...

Keywords: composites, hypertext, information retrieval, semantic web, wasted space

8 [Session summaries from the 17th symposium on operating systems principle \(SOSP'99\)](#)

Jay Lepreau, Eric Eide

April 2000 **ACM SIGOPS Operating Systems Review**, Volume 34 Issue 2Full text available:  [pdf\(3.15 MB\)](#)Additional Information: [full citation](#), [index terms](#)

9 [Analysis and testing of Web applications](#)

Filippo Ricca, Paolo Tonella

July 2001 **Proceedings of the 23rd International Conference on Software Engineering**Full text available:  [pdf\(167.58 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#) [Publisher Site](#)


The economic relevance of Web applications increases the importance of controlling and improving their quality. Moreover, the new available technologies for their development allow the insertion of sophisticated functions, but often leave the developers responsible for their organization and evolution. As a consequence, a high demand is emerging for methodologies and tools for quality assurance of Web based systems.

In this paper, a UML model of Web applications is proposed for their ...

Keywords: UML modeling, code analysis, reverse engineering, testing, web applications

10 [A new technique for website design using an interactive visualization hypertext tool](#)

Jay M. Lightfoot

April 1997 **Proceedings of the 1997 ACM SIGCPR conference on Computer personnel research**Full text available:  [pdf\(838.45 KB\)](#)Additional Information: [full citation](#), [references](#), [index terms](#)

11 [Engineering flexible World Wide Web services](#)


Markus W. Schranz

February 1998 **Proceedings of the 1998 ACM symposium on Applied Computing**Full text available:  [pdf\(709.22 KB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: WWW service engineering, Web service management, flexible Web services

Best Paper: Early experiences with a 3D model search engine

Patrick Min, John A. Halderman, Michael Kazhdan, Thomas A. Funkhouser


March 2003 **Proceeding of the eighth international conference on 3D Web technology**Full text available:  pdf(1.92 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

New acquisition and modeling tools make it easier to create 3D models, and affordable and powerful graphics hardware makes it easier to use them. As a result, the number of 3D models available on the web is increasing rapidly. However, it is still not as easy to find 3D models as it is to find, for example, text documents and images. What is needed is a "3D model search engine," a specialized search engine that targets 3D models. We created a prototype 3D model search engine to investigate the d ...

Keywords: 3D model database, shape matching, shape query interfaces, specialized search engine

13 Broadcast and on-line cultural heritage: Broadcast technologies for disseminating cultural heritage

John Cosmas, Take Itegaki, Kannan Krishnapillai, Alan Lucas, Mohammed Akhtar, Graham Thomas, Jigna Chandaria, Wolfgang Putz, Andre Everts, Michael Probst, Peter Stammnitz, Jens Guether, Wolfram Liebsch, Gerhard Stoll, Christoph Dosch, Reiner Socker, Chris Brendes, Ronald Mies, Dick Van Smirren, Benoit Mory, Nicolas Santini, Alan Pearmain, Yakup Paker, Mounia Lalmas, Damien Parwpoth, Ekaterina Moutogianni, Gunn Klungsoeyr, Lena Pedersen, Pers-Steinar Hansen, Klaus Illgner

November 2001 **Proceedings of the 2001 conference on Virtual reality, archeology, and cultural heritage**Full text available:  pdf(1.03 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper introduces the System for Advanced Multimedia Broadcast and IT Services (SAMBITS). It consists of a Studio, Server and TV Terminal system for broadcasting audio/video TV content enhanced by 3D graphics, Internet pages, database indexing and sub-image streaming. It describes two scenarios program for disseminating cultural heritage. The readers are invited to imagine how this system could be used to prepare programs for disseminating archaeology. The paper describes the Studio and Serv ...

14 Poster papers - short papers: Digital annotation of printed documents

Corsin Decurtins, Moira C. Norrie, Beat Signer

November 2003 **Proceedings of the twelfth international conference on Information and knowledge management**Full text available:  pdf(281.67 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present a general model and information server for the digital annotation of printed documents. The resulting annotation framework supports both informal and structured annotations as well as context-dependent services. A demonstrator application for mammography that features both enhanced writing and reading activities is described.

Keywords: augmented paper, cross-media annotation, mammography

15 Hypermedia semantics: Finding the story: broader applicability of semantics and discourse for hypermedia generation

Lloyd Rutledge, Martin Alberink, Rogier Brussee, Stanislav Pokraev, William van Dielen, Mettina Veenstra

August 2003 **Proceedings of the fourteenth ACM conference on Hypertext and hypermedia**

Full text available:  pdf(396.48 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Generating hypermedia presentations requires processing constituent material into coherent, unified presentations. One large challenge is creating a generic process for producing hypermedia presentations from the semantics of potentially unfamiliar domains. The resulting presentations must both respect the underlying semantics and appear as coherent, plausible and, if possible, pleasant to the user. Among the related unsolved problems is the inclusion of discourse knowledge in the generation pro ...

Keywords: RDF, SMIL, clustering, concept lattices, discourse, hypermedia, narrative, semantics

16 [XML query processing I: Dynamic XML documents with distribution and replication](#)

Serge Abiteboul, Angela Bonifati, Grégory Cobéna, Ioana Manolescu, Tova Milo

June 2003 **Proceedings of the 2003 ACM SIGMOD international conference on Management of data**


Full text available:  pdf(209.06 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The advent of XML as a universal exchange format, and of Web services as a basis for distributed computing, has fostered the apparition of a new class of documents: *dynamic XML documents*. These are XML documents where some data is given explicitly while other parts are given only intensionally by means of embedded calls to web services that can be called to generate the required information. By the sole presence of Web services, dynamic documents already include inherently some form of di ...

17 [Caching: Efficient prediction of web accesses on a proxy server](#)

Wenwu Lou, Hongjun Lu

November 2002 **Proceedings of the eleventh international conference on Information and knowledge management**

Full text available:  pdf(350.55 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


Web access prediction is an active research topic with many applications. Various approaches have been proposed for Web access prediction in the domain of individual Web servers but they have to be tailored to the domain of proxy servers to satisfy its special requirements in prediction efficiency and scalability. In this paper, the design and implementation of proxy-based prediction service (PPS) is presented. For prediction efficiency, PPS applies a new prediction scheme which employs a two-la ...

Keywords: navigational model, proxy server, web access prediction

18 [Web of communities: An outsider's view on "topic-oriented blogging"](#)

J. Bar-Ilan

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available:  pdf(247.84 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The number of Web blogs is growing extremely fast, thus this phenomenon cannot be ignored. This paper discusses the issue through monitoring a set of blogs for a two months period in September-October 2003 and characterizing these blogs based on descriptive statistics and content analysis.

Keywords: bloggers, blogs

Semantic web applications: CS AKTive space: representing computer science in the semantic web

M. C. Schraefel, Nigel R. Shadbolt, Nicholas Gibbins, Stephen Harris, Hugh Glaser

May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available:  pdf(346.31 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present a Semantic Web application that we call CS AKTive Space. The application exploits a wide range of semantically heterogeneous and distributed content relating to Computer Science research in the UK. This content is gathered on a continuous basis using a variety of methods including harvesting and scraping as well as adopting a range of models for content acquisition. The content currently comprises around ten million RDF triples and we have developed storage, retrieval and maintenance methods ...

Keywords: ontologies, semantic web, semantic web challenge groups

20 Database session 4: heterogeneous and distributed systems: Towards integrative enterprise knowledge portals

Torsten Priebe, Günther Pernul

November 2003 **Proceedings of the twelfth international conference on Information and knowledge management**

Full text available:  pdf(696.91 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Knowledge portals make an important contribution to enabling enterprise knowledge management by providing users with a consolidated, personalized user interface that allows efficient access to various types of (structured and unstructured) information. Today's portal systems allow combining access modules to different information sources side by side on a single portal webpage. However, there is no interaction between those so called portlets. When a user navigates within one portlet, the others ...

Keywords: OLAP, information retrieval, integration, knowledge management, portals, semantic web

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